III.

o communication of geographic information among different systems and devices (e.g., graphics shops, television centers)

SECRET

25X1

Approved For Release 2007/07/06: CIA-RDP88B00443R001103890056-2

0	specialized mapping techniques for sho	vii	ıg						
	information, i.e., showing the size	of	а						
	country according to its population								
	rather than its area								

o raster and vector data merger.	0	raster	and	vector	data	merger.	
----------------------------------	---	--------	-----	--------	------	---------	--

25**X**1

B. Who will Accomplish

The proposed work will be done by ORD with external contractor assistance. ORD will work closely with OGSR graphic and cartographic staff members and other Agency groups on applying the research results to real-world analytical problems and systems.

25X1

C. What is to be Developed

We will develop the following products:

- o define and establish the set of analytical requirements for support
- o a system which will integrate the appropriate external software of existing Agency systems (e.g., WORLD DATA BANK, CAM, MAGAS, TACK)
- o define and undertake research and development efforts for which no existing methodologies are sufficient
- o automated digitization and map building
- o specialized mapping techniques
- o query systems for analysts using multiplesource data with geographic data bases
- o formatting techniques, especially for communicating information among different offices and media.

25X1

D. Time Phasing

This project builds upon and supports on-going ORD and Agency projects. Most of the groundwork and preliminary analysis will be completed in FY 1982. The first year of the DCI Enhancement will provide for system integration and the first research projects. The second year's funding will be devoted to research and development.

25X1

SECRET

IV. INTELLIGENCE COMMUNITY APPLICABILITY

The project will produce an enhanced World Data Bank, which is a major resource for the Community at large. Insofar as it supports COMIREX and NPIC, it should enhance the Community's capability as well. ORD and OGSR are already working together with NSA and other parts of the Community on graphics and cartography, and we assume that all research performed under this effort will be shared in a like manner.

25X1

25X1

25X1

V. INTELLIGENCE CONSUMER BENEFITS

The project will result in increased capability for analysts, cartographers, and graphic designers. This, in turn, should provide improved analysis and presentation of the analytical product.

VI. PROBABILITY OF SUCCESS

The probability is high for producing a system which will significantly improve geographic/cartography data handling and analysis. It is likely that it will improve the Agency's ability to handle more data with no increase in staffing.

RECRET